Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. | BPI-188 | Subhashis Banerjee UTILITY First Inventor PATENT APPLICATION TREATMENT OF SPONDYLOARTHROPATHIES Title TRANSMITTAL USING TNFa INHIBITORS (Only for new nonprovisional applications under 37 CFR 1.53(b)) EV 354 230 875 US Express Mail Label No. MS Patent Application APPLICATION ELEMENTS **Commissioner for Patents** ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) Computer Program (Appendix) nit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. (if applicable, all necessary) See 37 CFR 1.27. X | Computer Readable Form (CRF) 61 [Total Pages Specification 3. Х Specification Sequence Listing on: (preferred arrangement set forth below) - Descriptive title of the invention χ Paper CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Statements verifying identity of above copies Х C. - Reference to sequence listing, a table or a computer program listing appendix

- Background of the Invention ACCOMPANYING APPLICATIONS PARTS Brief Summary of the Invention
 Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) 9. Detailed Description 37 CFR 3.73(b) Statement 10. Attorney Claim(s) (when there is an assignee) Abstract of the Disclosure English Translation Document (if applicable) [Total Sheets 11. Drawing(s) (35 U.S.C. 113) Copies of IDS Information Disclosure 12. [Total Sheets Citations 5. Oath or Declaration Statement (IDS)/PTO-1449 Preliminary Amendment 13. Newly executed (original or copy) Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) 14. (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S)
Signed statement attached deleting (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16. inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Divisional Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 00959 X Correspondence address below X Customer Number or Bar Code Label LAHIVE & COCKFIELD, LLP Name Giulio A. DeConti, Jr. 28 State Street Address Zip Code | 02109 MA State **Boston** Citv (617) 742-4214 (617) 227-7400 Telephone Country US Registration No. (Attorney/Agent) 33,505 Elizabeth A. Hanley Name (Print/Type) July 18, 2003 Signature I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354 230 875 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 18, 2003

Signature:

(Elizabeth A. Hanley)

PTO/SB/17 (05-03)

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| FEE TRANSMITTAL | ſ | Application Number | | | | lot Yet Assigned | | | |
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| for FY 2003 | - 1 | | | | tor S | Subhashis Banerjee | | | |
| Effective 01/01/2003, Patent fees are subject to annual revision. | | | | | | lot Yet Assigned | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | ł | Ont Unit | | | | I/A | | | |
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| TOTAL AMOUNT OF PAYMENT (\$) 2092.00 | Attorney Docket No. | | | | | | | | |
| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | | | | |
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| Name The Director is hereby authorized to: (check all that apply) | 1052 | 50 | 2052 | | sheet. | go – loto provisional ninig lee of covol | | | |
| X Charge fee(s) indicated below X Credit any overpayments | 1053 | 130 | 1053 | 130 | Non-English | specification | | | |
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| to the above-identified deposit account. | 1805 | | 1805 | | Examiner act | ion | . * | | |
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| 1. BASIC FILING FEE | 1252 1253 | | 2252 | | Extension for | | second month | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee <u>Fee Description</u> Fee Paid | 1253 | | 2254 | 725 | | | fourth month | | |
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| 1001 750 2001 375 Utility filing fee 750.00 | 1255 1401 | | 2255 2401 | | Extension for Notice of App | | mar monar | | |
| 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee | 1402 | | 2402 | 160 | Filing a brief | | an appeal | | |
| 1004 750 2004 375 Reissue filing fee | 1403 | | 2403 | 140 | Request for o | | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to ins | stitute a publ | ic use proceeding | | |
| SUBTOTAL (1) (\$) 750.00 | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | | | |
| | 1453 | | 2453 | 650 | | tion to revive - unintentional | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from | 1501 | | 2501 | 650 | • | ssue fee (or reissue) | | | |
| Claims below Fee Paid | 1502 | | 2502 | 235 | Design issue | · | | | |
| Total Claims 37 -20** = 17 x 18.00 = 306.00 | 1503 | | 2503 | 315 130 | Plant issue for Petitions to to | | ionor | | |
| Independent 12 -3** = 9 x 84.00 = 756.00 | 1460 | | 1460 | | | | | | |
| Multiple Dependent | 1807 | | 1807 | 50 | - | rocessing fee under 37 CFR 1.17(q) ubmission of Information Disclosure Stmt | | | |
| Large Entity Small Entity | 1806 | | 1806 | 180 | | | | | |
| Fee | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | | | |
| 1202 18 2202 9 Claims in excess of 20 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | 1810 | 750 | 2810 | 375 | For each additional invention to be | | | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims | 1801 | | 2801 | 375 | examined (37CFR 1.129(b)) Request for Continued Examination (RCE) | | | $\vdash \vdash \vdash$ | |
| over original patent | 1802 | | 1802 | 900 | Request for expedited examination | | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | ŀ | or a design application | | | | | | $\vdash \vdash \vdash$ | |
| | Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 | | | | | | | 0.00 | |
| SUBTOTAL (2) (\$) 1342.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 | | | | | | | | 0.00 | |
| Overliet (Secretaria) | | | | | | | | | |
| Registration No. 33 505 Telephone (617) 227-7400 | | | | | | | |) | |
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| Signature Date July 18, 2003 | | | | | | | | | |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354 230 875 US, in an envelope addressed to: Commissioner for Batents P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 18, 2003

Signature:

(Elizabeth A. Hanley)

